Application Number: 10/009,319

Reply to O.A. of September 28, 2005

AMENDMENTS TO THE CLAIMS

Dkt. No.: 14158

The listing of claims will replace all prior versions, and listings, of claims in the

application.

**Listing of Claims:** 

1. (Canceled)

2. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein said

needle has a cross-section other than circular.

3. (Withdrawn) The cannula/needle combination as set forth in, claim 10, wherein said

needle is provided with at least one longitudinally extending groove, indentation or notch.

4. (Withdrawn) The cannula/needle combination as set forth claim 10, wherein said needle

is provided with at least a longitudinally extending flat.

5. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein said

cannula comprises a cross-section other than circular.

6. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein an inner

cross-section of said cannula (1) is oval.

7. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein an inner

cross-section of said cannula is provided with at least one longitudinal groove, indentation or

notch extending to an end of said cannula.

8. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein an inner

cross-section of said cannula is provided with at least one longitudinally extending flat.

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9. (Withdrawn) The cannula/needle combination as set forth in claim 10, wherein said

needle of said combination is configured as a non-hollow needle.

10. (Previously Presented) A cannula/needle combination for a catheter head for

administering a fluid substance, comprising:

a needle comprising a substantially sharpened piercing end; and

a cannula surrounding the needle in a snug fit between an inner wall of the cannula and

an outer wall of the needle; wherein

a clearance is configured between the inner wall of the cannula and the outer wall of the

needle, the fluid substance communicated in the clearance, thereby delivering the fluid without

the needle being necessarily hollow.

11. (Previously Presented) The cannula/needle combination of claim 10, wherein the needle

has no opening.

12. (Previously Presented) The cannula/needle combination of claim 10, wherein the

cannula/needle combination is in fluid communication with a catheter.

13. (Previously Presented) The cannula/needle combination of claim 10, wherein said

communication of said fluid substance in the clearance comprises priming.

14. (Previously Presented) The cannula/needle combination of claim 10, wherein the

clearance extends substantially along the length of the needle.

15. (New) The cannula/needle combination of claim 10, wherein the needle/cannula

combination is pre-assembled.

16. (New) A method for administering a fluid substance comprising:

inserting a pre-assembled cannula/needle combination by piercing the skin with the

needle in the cannula/needle combination, wherein the pre-assembled cannula/needle comprises:

a needle comprising a substantially sharpened piercing end; and

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a cannula surrounding the needle in a snug fit between an inner wall of the

cannula and an outer wall of the needle; wherein

a clearance is configured between the inner wall of the cannula and the outer wall

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of the needle, the fluid substance communicated in the clearance, thereby delivering the fluid

without the needle being necessarily hollow.

17. (New) A system for providing a cannula/needle combination for a catheter head for

administering a fluid substance, comprising:

piercing means for piercing the skin, wherein the piercing means comprises at least a

substantially sharpened piercing end;

fluid delivery means for administering a fluid substance, wherein the fluid delivery

means at least surrounds said piercing means and forms a snug fit between an inner wall of the

fluid delivery means and an outer wall of the piercing means; wherein

the piercing means and fluid delivery means are pre-assembled before piercing the skin,

and wherein a clearance is configured between the inner wall of the fluid delivery means and the

outer wall of the piercing means, the fluid substance communicated in the clearance, thereby

delivering the fluid without the piercing means being necessarily hollow.

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